

# Converting Colors

HunterLab(53.1921, 57.4736,  
32.4578)

Have a look what the booklet for  
HunterLab(53.1921, 57.4736,  
32.4578) contains.

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# Color

**HunterLab(53.2242, 57.6132,  
32.5102)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF581D
RGB	255, 88, 29
RGB Percent	100%, 35%, 11%
CMY	0.0000, 0.6549, 0.8863
CMYK	0.00, 0.65, 0.89, 0.00
HSL	16°, 100%, 56%
HSV	16°, 89%, 100%
XYZ	44.9515, 28.3282, 4.2611
YIQ	131.2070, 118.4710, 17.0550

# Conversions

## Conversions Part 2

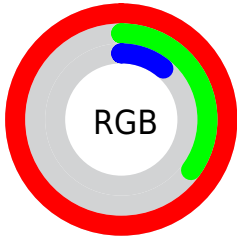
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	255, 109, 29
Decimal	16734237
CIE <sub>Lab</sub>	60.19, 61.17, 63.45
CIE <sub>LCh</sub>	60, 88.137, 46.046
Yxy	28.3298, 0.5797, 0.3653
Android (android.graphics.Color)	4294924317 (0xFFFF581D)
YUV	131.2070, -50.3881, 108.5665
Hunter-Lab	53.2242, 57.6132, 32.5102

# Details

The HunterLab color **53.2242, 57.6132, 32.5102** is a dark color, and the websafe version is hex **FF6633**. The color can be described as dark washed red. A complement of this color would be **68.5252, -20.1663, -39.9849**, and the grayscale version is **47.8841, -2.5550, 2.6016**.

A 20% lighter version of the original color is **64.8999, 31.8888, 33.2567**, and **33.6974, 53.6173, 21.7028** is the 20% darker color. If you saturate the color by 10%, you get **50.5417, 64.8204, 32.1603**, and if you desaturate by 10%, it is **56.5824, 49.7554, 32.0146**.

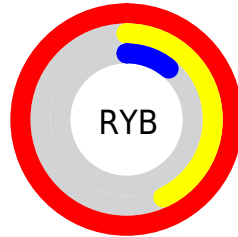
# Distribution



Red (100%)

Green (35%)

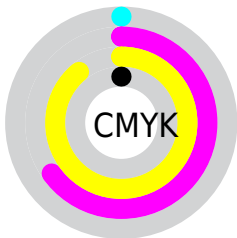
Blue (11%)



Red (100%)

Yellow (43%)

Blue (11%)

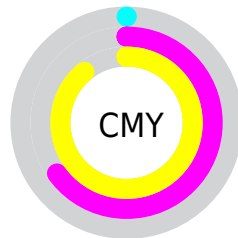


Cyan (0%)

Magenta (65%)

Yellow (89%)

Black (0%)



Cyan (0%)

Magenta (65%)

Yellow (89%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 53.2242, 57.6132, 32.5102 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the HunterLab color 53.2242, 57.6132, 32.5102 by changing the saturation by 10% instead.



53.2242, 57.6132,  
32.5102

53.2242, 57.6132,  
32.5102

171.4758, 71.9227,  
67.7919

43.0981, 55.5429,  
27.7338

75.5054, 61.4501,  
41.3824

33.7093, 53.4071,  
22.8789

87.5812, 63.2194,  
45.5327

25.1230, 51.2623,  
17.5861

100.2400, 64.8904,  
49.5268

17.4227, 49.2739,  
12.1959

113.4560, 66.4672,  
53.3859

10.7252, 47.9463,  
7.5076

127.2066, 67.9543,  
57.1280

1.4332, 210.0894,  
1.0033

141.4717, 69.3564,

0.0000, INF, NaN

60.7682

0.0000, NaN, NaN

156.2335, 70.6778,  
64.3193

0.0000, NaN, NaN

53.2242, 57.6132,  
32.5102

53.2242, 57.6132,  
32.5102

50.5417, 64.8204,  
32.1603

56.5824, 49.7554,  
32.0146

50.2240, 65.7224,  
32.0984

60.5663, 41.6911,  
30.6206

65.1150, 33.7233,  
28.4211

70.1624, 26.0484,  
25.5436

75.6461, 18.7708,  
22.1143

81.5105, 11.9300,  
18.2428

87.7071, 5.5247,  
14.0181

94.1952, -0.4691,  
9.5095

99.9999, -5.3360,  
5.4331

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



53.2258, 86.6074, 18.6892



53.2242, 57.6132, 32.5102



53.2258, 15.8493, 35.7997

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



53.2258, 57.6081, 32.5109



53.2258, -56.6227, 17.0228



53.2258, 18.7831, -115.6519

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



53.2242, 57.6132, 32.5102



68.5252, -20.1663, -39.9849

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



53.2258, -19.2656, -117.4277



53.2242, 57.6132, 32.5102



53.2258, -56.2455, -19.9867

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



53.2258, 57.6081, 32.5109



53.2258, -45.7243, 32.0174



53.2258, -44.4916, -74.8210



53.2258, 60.2661, -70.9380



# Rectangle

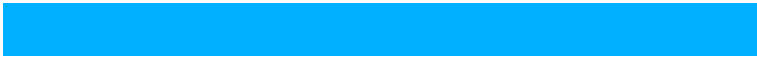
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



53.2242, 57.6132, 32.5102



53.2258, -10.2871, 35.9921



53.2258, -44.4916, -74.8210



53.2258, 5.0344, -121.9874

# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



53.2258, 57.6081, 32.5109



82.4970, 10.8592, 17.5779



51.2241, 91.3177, -29.0267



37.2136, 6.0703, 8.7734

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



53.2258, 57.6081, 32.5109



50.2242, 65.7227, 32.0985



78.7183, 2.3115, 47.6707



43.3106, 0.0193, 4.5873



36.5849, 46.6661, 23.3604



12.1310, 12.5126, 7.6941

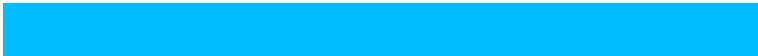


# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



68.5252, -20.1663, -39.9849



65.8526, -17.3276, -44.9047



37.4934, 38.3863, -125.8312



44.3074, -4.4985, 0.1258



47.8698, -12.9132, -31.9571



15.5201, -4.8591, -8.9093



# Previews

## White Background



This preview shows how the HunterLab color 53.2242, 57.6132, 32.5102 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 53.2242, 57.6132, 32.5102 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

## HunterLab 53.2242, 57.6132, 32.5102 Background



This preview shows how black text looks on a background with the HunterLab color 53.2242, 57.6132, 32.5102.



This preview shows how white text looks on a background with the HunterLab color 53.2242, 57.6132,



# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy



### Original Color

53.2242, 57.6132, 32.5102

### Protanopia

53.4029, -7.1541, 30.2439

### Deuteranopia

53.2610, 3.5008, 32.8804



## Tritanopia

53.2027, 61.8061, 23.5764

# Trichromacy



## Original Color

53.2242, 57.6132, 32.5102

## Protanomaly

51.5198, 15.3345, 29.9045

## Deuteranomaly

52.1140, 23.0480, 32.1557

## Tritanomaly

53.0681, 60.1801, 27.8211

# Monochromacy



## Original Color

53.2242, 57.6132, 32.5102

## Achromatopsia

47.6409, -2.5420, 2.5884

## Achromatomaly

47.2226, 15.8499, 16.0800

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 53.2242, 57.6132, 32.5102 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(255, 88, 29)` looks like.

```
.text, #text, p{  
    color:rgb(255, 88, 29)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(255, 88, 29) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 88, 29) }
```

## Border

The CSS property to change the border of an element to HunterLab 53.2242, 57.6132, 32.5102 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 88, 29) }
```



If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(255, 88, 29) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(255, 88, 29) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 88, 29); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 88, 29);  
box-shadow:4px 4px 4px 4px rgb(255, 88,  
29) }
```

# Background

The CSS property to change the background color of an element to HunterLab 53.2242, 57.6132, 32.5102 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 88, 29) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(255, 88,  
29) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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